



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL EXPOSURE RESEARCH LABORATORY
RESEARCH TRIANGLE PARK, NC 27711

OFFICE OF
RESEARCH AND DEVELOPMENT

October 4, 2018

Mr. Clark Freise, Assistant Commissioner
New Hampshire Department of Environmental Services (NHDES)
29 Hazen Drive
P.O. Box 95
Concord, New Hampshire 03301

Dear Mr. Freise:

I am pleased to provide the attached 3rd and 4th report from our ongoing collaborative technical support to NHDES assisting with concern over PFAS environmental contamination associated with manufacturing sites. These reports are in response to your request of June 22, 2017 asking for laboratory assistance analyzing per- and polyfluoroalkyl substances (PFAS) in environmental samples. The enclosed Report #3 provides results for surface and ground water samples. Report #4 provides the results of stack sampling.

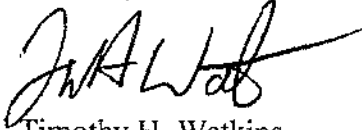
It is our understanding that this information was requested by NHDES to help in your ongoing investigation into the presence of per- and polyfluorinated alkyl substances (PFAS) in the environment near manufacturing facilities of interest. This request relates to our research capabilities and interests applying targeted and non-targeted analysis methods for discovery of the nature and extent of PFAS environmental occurrence that may be potentially associated with industrial releases. EPA continues to develop analytical methods for many PFAS compounds in various media including some of those included in this report. We are providing the results of our analysis as they become available.

In this report, we do not interpret exposure or risk from these values. EPA does not currently have health-based standards, toxicity factors, or associated risk levels for PFAS, other than perfluorooctanoic acid (PFOA), perfluorocatane sulfonate (PFOS), and perfluorobutanesulfonic acid (PFBS). While the data provided in the attached reports indicate the presence of PFAS in water samples, no conclusions can be made related to human or environmental exposure and risk.

Thank you for inviting us to be part of this effort that helps to further both EPA's and New Hampshire's understanding of an important issue in the state. This is just one of many Agency efforts that demonstrates EPA's commitment to cooperative federalism.

If you have any questions or concerns, do not hesitate to contact me at (919) 541-2107 or via email at watkins.tim@epa.gov or Tim Buckley at (919) 541-2454 or via email at buckley.timothy@epa.gov. I look forward to our continued work together.

Sincerely,

A handwritten signature in black ink, appearing to read 'JH Watkins', with a stylized flourish extending from the end.

Timothy H. Watkins

Director

National Exposure Research Laboratory

Office of Research and Development

Enclosure

CC: Meghan Cassidy, USEPA, Region 1
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